



# 1998 Toxics Release Inventory

## NEVADA

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	4,171,991	1,267,438,472	1,271,610,463
Air Emissions	1,750,522	2,665,020	4,415,542
Surface Water Discharges	0	236,050	236,050
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	1,404	1,404
On-site Land Releases to RCRA Subtitle C Landfills	0	1,321,200	1,321,200
Other On-site Land Releases	2,421,469	1,263,214,798	1,265,636,267
Off-site Releases (Transfers Off-site to Disposal) *	32,854	79,357	112,211
<b>Total On- and Off-site Releases</b>	<b>4,204,845</b>	<b>1,267,517,829</b>	<b>1,271,722,674</b>
Recycled On-site	2,362,845	8,218,451	10,581,296
Recycled Off-site	1,534,498	1,345,874	2,880,372
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	48,834	0	48,834
Treated On-site	18,800,024	15,382,591	34,182,615
Treated Off-site**	74,576	427,608	502,184
Quantity Released On- and Off-site***	4,199,511	1,315,204,324	1,319,403,835
<b>Total Production-related Waste Managed</b>	<b>27,020,288</b>	<b>1,340,578,848</b>	<b>1,367,599,136</b>
<b>Total Non-production-related Waste Managed</b>	<b>1,178</b>	<b>36</b>	<b>1,214</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	1,533,673	1,216,223	2,749,896
Energy Recovery	26,125	0	26,125
Treatment	15,863	240,124	255,987
Publicly Owned Treatment Works (POTWs)	45,012	500	45,512
Metals and Metal Compounds*	2	0	2
Non-metal TRI Chemicals**	45,010	500	45,510
Other Off-site Transfers***	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	32,852	309,415	342,267
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>1,653,525</b>	<b>1,766,262</b>	<b>3,419,787</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

#### State Contact:

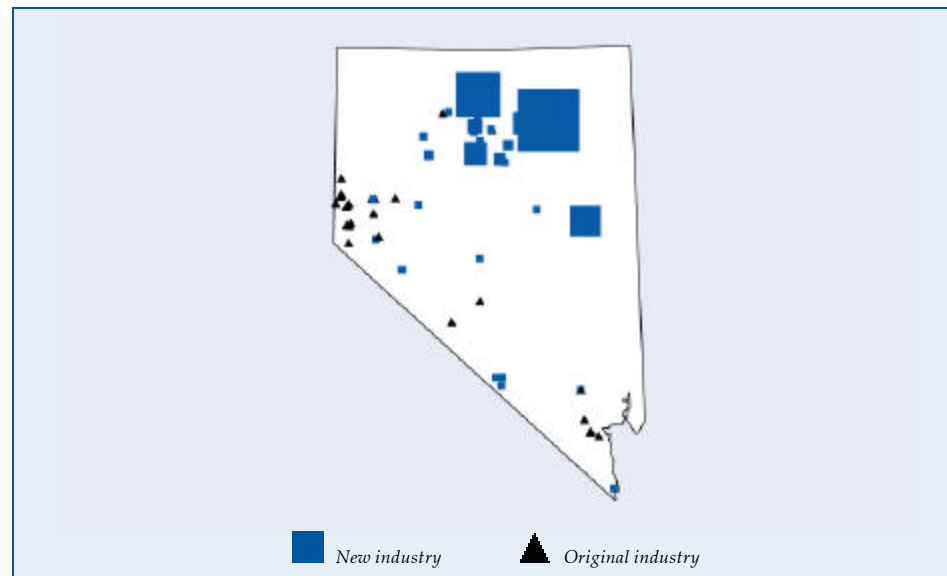
Alene Coulson  
(775) 687-4670, ext. 3006  
Fax: (775) 687-6396

#### EPA Regional Contact:

Adam Browning  
(415) 744-1121  
Fax: (415) 744-1073

#### To obtain TRI data use assistance, call TRI User Support Service (TRI-US):

(202) 260-1531  
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Nevada. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	1,746,898
Square Miles	109,806
Total Facilities	95
Total Forms	437
Form As	32

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	44	1	1
Pounds	4,204,845	1,267,517,829	1,271,722,674
<b>National Rank for Total On-site Releases**</b>			
Rank	43	1	1
Pounds	4,171,991	1,267,438,472	1,271,610,463
<b>National Rank for Total Releases within State***</b>			
Rank	39	1	1
Pounds	8,202,802	1,267,607,666	1,275,810,468
<b>National Rank for Production-related Waste Managed</b>			
Rank	45	1	4
Pounds	27,020,288	1,340,578,848	1,367,599,136

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1998 Toxics Release Inventory

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### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Manganese compounds	13,018	0	0	2,418,745	0	2,431,763	71,393	0	0
108-88-3	Toluene	583,111	0	0	0	0	583,111	0	0	0
100-42-5	Styrene	441,298	0	0	0	0	441,298	0	0	0
7664-41-7	Ammonia	402,598	0	0	0	0	402,598	0	0	0
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	55,960	0	0	0	2,989	58,949	0	2,989	0
7697-37-2	Nitric acid	56,812	0	0	0	0	56,812	150	0	0
1330-20-7	Xylene (mixed isomers)	42,290	0	0	0	750	43,040	0	0	750
7647-01-0	Hydrochloric acid	38,540	0	0	0	0	38,540	0	0	0
7550-45-0	Titanium tetrachloride	15,700	0	0	0	0	15,700	0	0	0
78-93-3	Methyl ethyl ketone	14,704	0	0	0	0	14,704	14,000	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Arsenic compounds	39,206	5,030	75	452,963,490	6	453,007,807	0	0	6
—	Zinc compounds	30,342	1,606	46	183,894,813	68,432	183,995,239	5	27,004	60,039
—	Manganese compounds	14,497	2,012	0	178,257,097	4,121	178,277,727	0	4,100	21
7440-50-8	Copper	6,400	0	0	169,306,872	0	169,313,272	5,100	0	0
7440-38-2	Arsenic	32,007	705	0	63,070,323	0	63,103,035	0	0	0
—	Lead compounds	6,985	632	1	49,232,954	19,916	49,260,488	12,670	3,400	16,618
—	Copper compounds	12,820	62,961	3	46,112,718	34,297	46,222,799	40,000	17,047	34,297
—	Nickel compounds	8,772	2,701	8	30,138,156	47,310	30,196,947	530	20,464	40,927
—	Chromium compounds	2,006	1	0	27,039,511	44,572	27,086,090	44,181	19,393	26,849
—	Antimony compounds	553	5,865	62	16,965,692	0	16,972,172	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1998 Toxics Release Inventory

## NEVADA

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Kerr McGee Chemical L.L.C., Henderson, Clark	25,591	0	0	0	0	2,288,740	2,314,331	0	0
R.R. Donnelley & Sons Co.130130, Reno, Washoe	557,300	0	0	0	0	0	557,300	1	270
Tomkins Ind. Inc. Lasco Bathware Div., Moapa, Clark	436,630	0	0	0	0	0	436,630	0	0
Coastal Chem Inc., Battle Mountain, Lander	383,400	0	0	0	0	1,126	384,526	0	0
Nevada Refy. of Kennametal Inc., Fallon, Churchill	0	0	0	0	0	130,005	130,005	0	0
Titanium Metals Corp., Henderson, Clark	128,424	0	0	0	0	0	128,424	0	0
H.C. Inds. (NV) Inc., Fernley, Lyon	47,854	0	0	0	0	0	47,854	2,788	0
O'Sullivan Plastics Corp., Yerington, Lyon	27,988	0	0	0	0	0	27,988	0	0
Quebecor Printing Nevada Inc., Fernley, Lyon	23,272	0	0	0	0	0	23,272	0	0
Foreland Refining Corp. — Tonopah Refy., Tonopah, Nye	19,615	0	0	0	0	0	19,615	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Barrick Goldstrike Mine, Elko, Elko	94,450	49,812	0	0	0	397,909,683	398,053,945	0	375
Newmont Gold Company, Twin Creeks Mine, Golconda, Humboldt	108,106	2,615	0	0	0	269,560,113	269,670,834	0	2
BHP Copper Robinson Ops., Ruth, White Pine	2,895	0	0	0	0	167,733,163	167,736,058	0	0
Echo Bay Minerals Co. — McCoy/Cove Mine, Battle Mountain, Lander	44,940	0	0	0	0	111,975,239	112,020,179	0	0
Newmont Gold Co. Carlin South Area, Carlin, Eureka	173,883	7,088	0	0	0	107,130,445	107,311,416	0	1
Newmont Gold Co. — Lone Tree Mine, Valmy, Humboldt	53,069	113,750	0	0	0	53,660,265	53,827,084	0	0
Getchell Gold Corp., Golconda, Humboldt	57,485	783	0	0	0	44,402,181	44,460,449	0	9,410
Cortez Gold Mines, Pipeline Mine, Mill #2, Beowawe, Lander	161,994	0	0	0	0	36,021,100	36,183,094	0	0
Newmont Gold Co. — Carlin North Area, Carlin, Eureka	33,271	0	0	0	0	24,782,461	24,815,732	0	0
Coeur Rochester Inc., Lovelock, Pershing	16,770	0	0	0	0	19,083,351	19,100,121	0	2

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 1998 Toxics Release Inventory

## NEVADA

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Kerr Mcgee Chemical L.L.C., Henderson, Clark	0	0	0	0	0	0	2,314,155	2,314,155	0
R.R. Donnelley & Sons Co.130130, Reno, Washoe	0	12,180	0	41,100	6,750	311	535,300	595,641	0
Tomkins Ind. Inc. Lasco Bathware Div., Moapa, Clark	0	0	0	0	0	0	436,631	436,631	50
Coastal Chem Inc., Battle Mountain, Lander	0	0	0	0	0	0	383,000	383,000	1,126
Nevada Refy. of Kennametal Inc., Fallon, Churchill	0	0	0	0	0	0	130,000	130,000	0
Titanium Metals Corp., Henderson, Clark	0	0	0	0	10,344,256	0	128,424	10,472,680	0
H.C. Inds. (NV) Inc., Fernley, Lyon	0	0	0	0	400	0	50,642	51,042	0
O'Sullivan Plastics Corp., Yerington, Lyon	41,600	0	0	3,610	0	0	28,486	73,696	0
Quebecor Printing Nevada Inc., Fernley, Lyon	575,309	0	0	0	0	0	23,272	598,581	0
Michelin N.A. Inc., Reno, Washoe	0	20,700	0	0	0	0	21,050	41,750	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Barrick Goldstrike Mine, Elko, Elko	2,277,389	1,500	0	0	1,181,720	599	426,878,615	430,339,823	0
Newmont Gold Company, Twin Creeks Mine, Golconda, Humboldt	937,991	557	0	0	1,494,000	0	289,770,836	292,203,384	0
BHP Copper Robinson Ops., Ruth, White Pine	0	0	0	0	201,823	0	167,349,313	167,551,136	0
Echo Bay Minerals Co. — McCoy/Cove Mine, Battle Mountain, Lander	0	0	0	0	2,003,800	0	112,020,269	114,024,069	14
Newmont Gold Co. Carlin South Area, Carlin, Eureka	3,531,662	450	0	0	3,337,270	0	107,311,417	114,180,799	0
Newmont Gold Co. — Lone Tree Mine, Valmy, Humboldt	876,260	0	0	0	577,306	6,600	53,827,085	55,287,251	0
Getchell Gold Corp., Golconda, Humboldt	187	0	0	0	1,179,381	0	44,460,499	45,640,067	0
Cortez Gold Mines, Pipeline Mine, Mill #2, Beowawe, Lander	2,700	2,300	0	0	1,231,000	0	36,180,200	37,416,200	0
Newmont Gold Co. — Carlin North Area, Carlin, Eureka	325,060	0	0	0	280,000	0	24,815,732	25,420,792	0
Coeur Rochester Inc., Lovelock, Pershing	12	18	0	0	0	0	19,091,857	19,091,887	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.